

Site Evaluation Accomplished
for the
Screening Site Inspection
of
Illinois Smelting and Refining Co.

USEPA ID No. ILD 982 074 718
BVWST Project No. 70970.116

Recommended by: Richard McAvoy
BVWST Project Manager

Date 3/14/94

Approved by: Alan Altun
USEPA Work Assignment Manager

Date: 3/24/94

Approved by: _____
IEPA Division of Land Pollution Control

Date: _____

EPA Region 5 Records Ctr.



331356

5494

No Further Remedial Action Planned
Illinois Smelting and Refining Co.
USEPA ID No. ILD 982 074 718

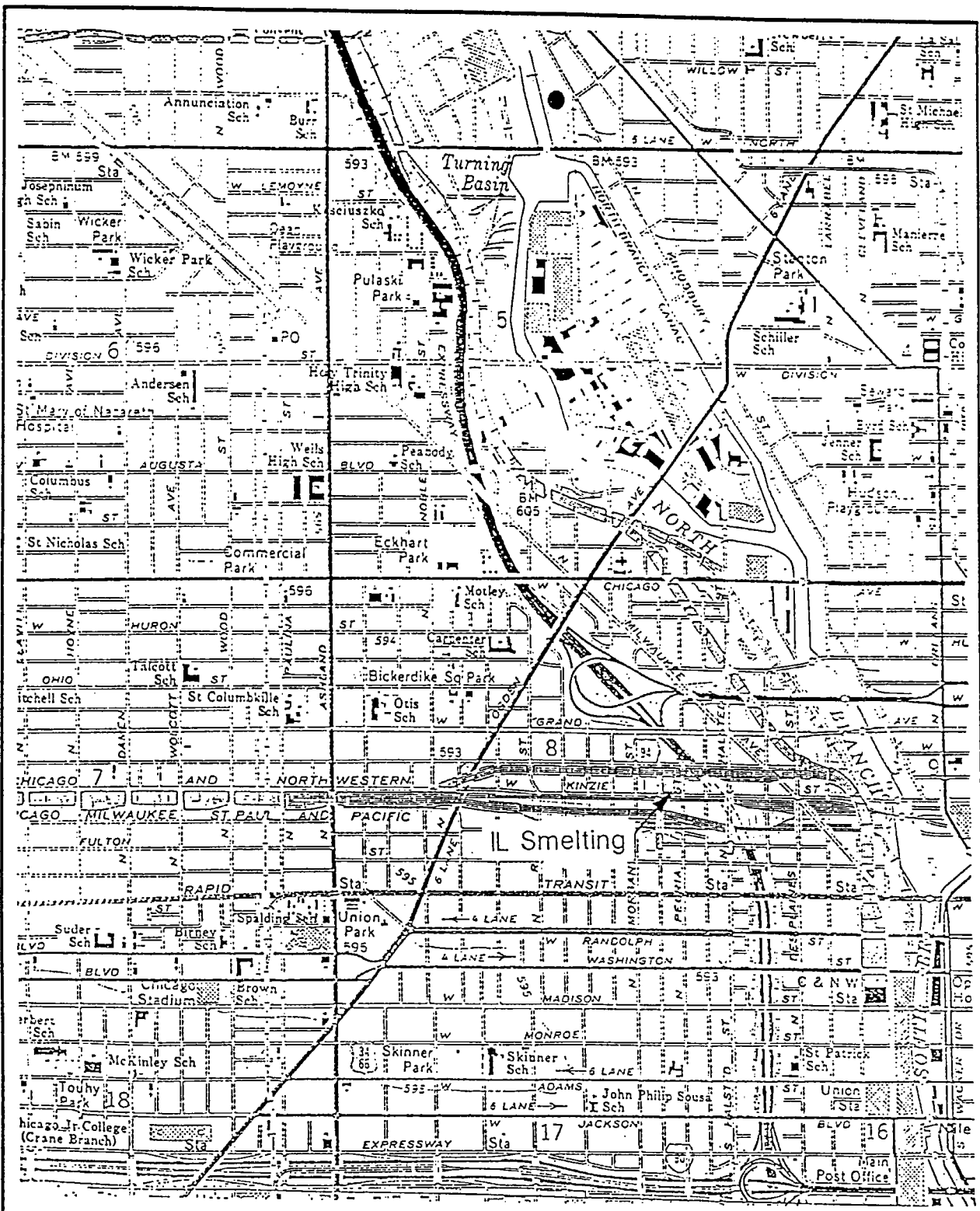
The Illinois Smelting and Refining Co. (IL Smelting) site was listed in the Comprehensive Environmental Response, Compensation, and Liability Information System on January 29, 1988, as a result of a request for discovery notice from the state of Illinois. This site was one of 15 Chicago area potential hazardous waste sites discovered by the Illinois Environmental Protection Agency (IEPA) during a review of early 1900 fire insurance maps. Figure 1 presents a site location map.

The IEPA completed a preliminary assessment (PA) of the IL Smelting site on September 13, 1989. No structures were onsite. The site was completely fenced with a lockable gate to restrict access. During the IEPA reconnaissance, the gates were open. IEPA assigned a medium priority for a screening site inspection (SSI) because of the site's potential direct contact hazard to the surrounding population.

In April 1993, B&V Waste Science and Technology Corp. began gathering background data for the IL Smelting SSI. An SSI reconnaissance was conducted on June 4, 1993. Photographs taken during the reconnaissance are attached. SSI investigators found the site being used as a parking lot for W.H. Salisbury employees, as storage for empty Speelman Refuse and Service roll-off boxes, and for the operation of an Ameritech Mobile tower. The site surface was flat and covered with gravel. No sign of the kettles mentioned in the IEPA PA was observed. Both the gate on the eastern side of the site and the pedestrian gate on the western side of the site were open.

The source of potential contamination is onsite soil. This soil has been graded and compacted over with gravel for use as a parking lot. Site soil is not expected to become airborne and transported because the compacted gravel covers most of the site. Therefore, a no further remedial action planned rating is recommended for the IL Smelting site.

sea/IL Smelting



<p>Source: United States Geological Survey 1978</p>		<p>Figure 1 Site Location Map</p>
<p>Scale: 0.0 0.5 mile</p>		<p>Illinois Smelting and Refining Co. Chicago, Illinois</p>
<p>B&V Waste Science and Technology Corp.</p>		

Date: June 4, 1993

Time: 1046

Photo Taken By: J. J. Quinn

Photo Number: 1

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: Southeast

Description: Rubble under the sidewalk along
Kinzie Street.



Date: June 4, 1993

Time: 1054

Photo Taken By: J. J. Quinn

Photo Number: 2

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: Southeast

Description: Ameritech building in southeast
corner of the site.



Date: June 4, 1993

Time: 1055

Photo Taken By: J. J. Quinn

Photo Number: 3

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: East

Description: Main gate to the site.



Date: June 4, 1993

Time: 1056

Photo Taken By: J. J. Quinn

Photo Number: 4

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: Southwest

Description: Roll-off boxes owned by
Speelman Refuse and Service Inc. are stored
onsite.



Date: June 4, 1993

Time: 1056

Photo Taken By: J. J. Quinn

Photo Number: 5

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: West

Description: Gate in center of parking lot.



Date: June 4, 1993

Time: 1057

Photo Taken By: J. J. Quinn

Photo Number: 6

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: North

Description: North-south alley located north of the site. Ownership of the gate beneath the train tracks is unknown.



Date: June 4, 1993

Time: 1059

Photo Taken By: J. J. Quinn

Photo Number: 7

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: West

Description: West end of the lot.



Date: June 4, 1993

Time: 1059

Photo Taken By: J. J. Quinn

Photo Number: 8

Location/ILD #: Illinois Smelting & Refining
ILD# 982 074 718

Direction of Photo: Southwest

Description: Southwest end of the lot, portion
of raised sidewalk.

